

ENGINEERING CHANGE NOTICE **DART AEROSPACE LTD**

Date: 08.12.22	Job No.: 00569	ADR Yes/No: N	ADR Date:	ECN #: 08- 592
Product No.: D206-746	Created By: PH	Approved By: MP		
Product Name: SHROUD AIRFLOW HEATER SYSTEM	Checked By:	General Manager Approval:		

Distribution	Reqd	Resp	Initial / Date
Production Manager	Y	LL	U 01/02/02
Production Engineering Coord	Y	DD/EC	09.02.02
Production Document Control	N		09.02.02
Customer Technical Support	N		

Distribution	Reqd	Resp	Initial / Date
DQA / QA Coord	N		
QC Coordinator	N		
Marketing	N		
Customer Order Processing	N		

Reason for Change:

REVISE DRAWINGS TO EASE MANUFACTURING AND REDUCE SCRAP

Documents Affected:

RELEASE REV. B OF D3476, D3477, D3479 AND D3481.

RELEASE REV. C OF D3467, D3473, D3475, D3478 AND D3480.

PARTS MUST COMPLY

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PREVIOUS PARTS SATISFACTORY

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#	Quality Assurance Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	N			
2	Notify Eurocopter France	N			
3					

#	Engineering Actions	Reqd	Resp	Notes	Complete
4	Required Documents/Drawings Under Review	Y	MB	PER ATTACHED UNDER REVIEW FORM & EMAIL	06.02.02
5	Update Product Compatability Matrix	N			
6	Create Eurocopter Form (FEE)	N			
7	Notify TC / FAA of Change	N			

#	Document Control Actions	Reqd	Resp	Notes	Complete
8	Move Electronic Files	Y	MB		01.02.02
9	Update Blue/Pink/DSI Folder and Electronic Files	N			
10	Update Controlled PDF Files	Y	KJ		09.02.02
11	Update Master Document List (MDL)	Y	MB	REV. I	09.02.02
12	Update Document Record (DR)	Y	PH	REV. F	09.02.02
13	Update Product Development Summary	N			
14	Update QSI 021 and/or STC Approval List	N			
15	Update Parts / STC Database	N			
16	Update / Verify ARC Database	N			
17	Create / Update Change Record Form	N			
18	Create / Update PPP's	N			
19	Update Document Control Database / Laminated Dwgs	N			
20	Update Grey Project Binder	Y	KJ	MDL Rev. H / ADL.	09.02.02
21	Update D-Part/M-Drawing/DSI/DEO Master Binders	Y	KJ		09.02.02
22					
23					

Description / Action:

1) SUPERSEDES ECN#1031.

2) REVISE ESTIMATES/FAI SHEETS ACCORDINGLY.

ECN Verified & Complete:

MP

Date:

09/02/12

ENGINEERING CHANGE NOTICE **DART AEROSPACE LTD**

Date: 07.09.07	Job No.: 00056	ADR Yes/No: <input checked="" type="checkbox"/>	ADR Date:	ECN #: 1031
Product No.: D206-746		Created By: <i>AS</i>	Approved By:	
Product Name: SHROUD AIRFLOW HEATER SYSTEM		Checked By:	General Manager Approval:	

Distribution	Reqd	Resp	Received	Distribution	Reqd	Resp	Received
Production Manager	Y	LL		Customer Technical Support	Y	Dstow	
Production Engineering Coord	Y	JLM/EC		Marketing	Y	SW	
Director Quality Assurance	Y	SS/DT					
Customer Order Processing	Y	BG					

Reason for Change:
REVISE DRAWINGS TO EASE MANUFACTURING AND REDUCE SCRAP

Documents Affected:
UNDER REVIEW: D3467 REV. B, D3473 REV. B, D3475 REV. B, D3476 RE D3477 REV. A,
D3478 REV. B, D3479 REV. A, D3480 REV. B AND, D3481 REV. A

#	Engineering Actions	Reqd	Resp	Notes	Complete
1	Required Documents/Drawings Under Review	Y	MB	PER ATTACHED UNDER REVIEW FORM & EMAIL	07.09.11 <i>AS</i>
2	Update Blue/Pink/DSI Folder and Electronic Files	N			
3	Update D-Part/M-Drawing/DSI/DEO Master Binders	N			
4	Update Grey Project Binder	N			
5	Move Electronic Files	Y	KJ		
6	Update Master Document List (MDL)	N			
7	Update Document Record (DR)	N			
8	Create/Update Change Record Form	N			
9	Create/Update PPP's	N			
10	Update Controlled PDF Files	Y	KJ		07.09.11 <i>AS</i>
11	Notify TC/FAA of Change	N			
12	Update QSI 021 and/or STC Approval List	N			
13	Update Product Development Summary	N			
14	Update Accpac Database	N			
15	Update Access (ARC) Database	N			
16	Update/Verify ARC	N			
17	Update Paperwork Kits in Production	N			
18	Update Qpulse/Laminated Dwgs	N			
19	Update Product Compatability Matrix	N			
20	Create Eurocopter Form (FEE)	N			
21					

#	Production Actions	Reqd	Resp	Notes	Complete
22	Create/Update Coss IPP/BOM	Y	JLM/EC	PUT ESTIMATES UNDER REVIEW.	
23	Update FAI Sheets	N			
24	Create/Update CNC Programs	N			
25	Create/Update Tooling	N			
26	Red Tag Stock (Specify)	N			
27	Rework/Scrap Current Production and/or Stock	Y	LL	SEE MARC BELLAVANCE.	
28	Update Paperwork Kits in Stock	Y	LL	SEE MARC BELLAVANCE.	
29	Create/Update MPP	N			
30					

#	Quality Assurance Actions	Reqd	Resp	Notes	Complete
31	Notify Previous Customers	N			
32	Notify Eurocopter France	N			
33					

Description / Action:
SUPERSEDED BY ECN# 08-592 108.12.22

Marc Bellavance

From: Marc Bellavance [mbellavance@dartaero.com]
Sent: September 7, 2007 9:58 AM
To: 'Beckett, Bill'; 'Campbell, Daniel'; 'Charbonneau, Eric'; 'Elsiger, Leanne'; 'Fuentes, Roberto'; 'Hum, Petter'; 'Johnston, Kim'; 'Lacelle, Linda'; 'Menard, Jean-Luc'; 'Murdoch, Jason'; 'Petsche, Mike'; 'Provencal, Chris'; 'Sheldon, Susanne'; 'Shepherd, David'; 'Stow, Dan'; 'Trepanier, Dale'; 'Willems, Sian'
Subject: - UNDER REVIEW : D3467, D3473, D3475, D3476, D3477, D3478, D3479 & D3480 -
Attachments: URF (07.09.07).pdf

Drawings D3467, D3473, D3475, D3476, D3477, D3478, D3479 & D3480 are now under review per attached form.

Marc Bellavance
Internal Support/Product Improvement

DART aerospace Ltd.

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Under Review Notification

Raised By: MARC BELLAVANCE

Date: 07.09.07

Product #: D206-746-011/-041

Product Name: SHROUD AIRFLOW HEATER

Drawing/Kit Number	Drawing/Kit Description	Quantity on Hand (Stock)	Quantity on Order (Production)	Quantity Allocated (Customer Order)	HOLD SHIPMENT	Red Tag/Quarantine Stock	Advise customers	Stop Production	Re-Work Stock	IPP Under Review	Blue File Under Review	ECN #	Instructions
D3467	SHROUD ASSEMBLY	0	5	5	N	N	N	N	N	Y	N	1031	
D3473	BLOWER INLET ADAPTER	1	0	0	N	N	N	N	N	Y	N	1031	
D3475	DUMP OUTLET	0	0	0	N	N	N	N	N	Y	N	1031	
D3476	BLOWER MOTOR ADAPTER	0	5	5	N	N	N	N	N	Y	N	1031	
D3477	BLOWER INLET ADAPTER	0	3	3	N	N	N	N	N	Y	N	1031	
D3478	AIR INLET ADAPTER	0	4	4	N	N	N	N	N	Y	N	1031	
D3479	INLET ADAPTER	0	4	4	N	N	N	N	N	Y	N	1031	
D3480	EYEBALL ADAPTER	0	0	0	N	N	N	N	N	Y	N	1031	

Description of issue:

GENERAL ASSEMBLY REQUESTED THAT ENGINEERING REVISE THE DRAWINGS TO EASE MANUFACTURING OF THE PARTS AND REDUCE SCRAP. THE DRAWING REVISION WILL INVOLVE DIMENSIONAL CHANGES. THIS WILL IMPACT STOCKING AND MANUFACTURING PROCESSES. ITEMS IN STOCK ARE OK.

FOR QUANTITY ON ORDER, THE W/O's WILL REQUIRE HAND CHANGES ON THE DRAWINGS: SEE ENGINEERING (MARC). THIS STEP WAS INITIATED BY SYLVIE BOUCHER ON 07.09.06.

KIM, ADD NOTE TO THE BLUE/PINK FILES STATING THAT MANUFACTURING DRAWINGS ARE UNDER REVISION.

Distribution:

General Manager
Production Manager
Director Quality Assurance
Design Manager
Chief Engineer

Production Engineering Coordinators
Quality Assurance Coordinator
Quality Control Coordinator
Order Processing
Customer Technical Support

Engineering Project Managers
Engineering Clerk
Marketing

Marc Bellavance

From: Dan Stow [dstow@dartaero.com]

Sent: September 7, 2007 11:08 AM

To: 'Marc Bellavance'; Bill Beckett (Bill Beckett); Chantelle Lavoie; Dale Trepanier (Dale Trepanier); Jason Murdoch; Linda Lacelle (Linda Lacelle)

Subject: D3481-043 Bracket and Clamp for Shroud Airflow Heater

It has come to my attention that the QS20056S clamp that we use in the heater kit is to large for its purpose. The clamp runs out of thread before it is able to tighten around the D3469-043 piece. I found a clamp in stores that will take care of this problem – QS200M44S.

Dale/Jason – please raise an NCR or PAR – SOURCE - Garth

Marc – please update the drawing and paperwork

Linda – please halt any production of these until we can have this clamp changed.

Bill – perhaps we should send Garth an updated clamp assembly.

Dan Stow

Technical Support

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